

$ZrO_2-SiO_2-Al_2O_3$ Refractories for Ladles, by
W. Hamachi, T. Ishibashi.
JAPANESE, per, Zaikabutsu, Vol 86, No 16, 1965,
pp 364-367.
*BIBI 5297

Sci - Methods and Equipment
Jan 67

On the High Temperature Strength of 18-8 No
Stainless Steel Castings by Kanetoshi Iwamoto,
Masao Kuwabata, et al,
JAPANESE, per, Zairyo, Vol 14, No 137, 1965,
pp 101-110. 9232889
AEC ORNL-tr-961

Sci/N&M
Jun 66

301,117

Recovery of Elongation of the Unplasticized
Polyvinyl Chloride Stretched at High Temperature,
by Y. Nakagawa.
JAPANESE, per, Zairyo, Vol 14, 1965, pp 427-432.
NTC-71-16231-111

Jan 72

77FC (SCI-T-60-258) NEW BIAXIAL TENSILE TESTER
FOR FLAT SPECIMENS. Shiratori, E.; Ikegami, K. 10 Trans-
lated by A. Kajikawa for Sandia Labs., Albuquerque, N. Mex., from
11 Zairyo; 16: No. 165, 433-9 (1967). 20 24p. 24 Dep. NTIS.

28 materials; methods and equipment; translations 27 11, 14

28 MN-38 28 P NSA

Thesilo Stress Relaxation Behavior of a Mechanical
Mixture of Polypropylene and Polyethylene, by
T. Horino, T. Matzubara.
JAPANESE, per, Zairyo, Vol 16, No 166, 1967,
pp 494-497.
LTC 69-11253-111

Sci-Mat
July 69

387,139

Biaxial Tensile Tester for Flat Plates, by
K. Sakaguchi, S. Kawabata, 16 pp.
JAPANESE, per, Zairyo, Vol 17, 1968, pp 356-360.
AHC/SCL-Tr-69-254

Sci/Method & Equip
Mar 70

402,641
402,4

Measurement of Distribution of Brittle Transition Temperatures in Welded Steel by Hardness Testing, by S. Sato, et al.
JAPANESE, per, Zairyo, Vol 17, 1968, pp 610-616.
CS 41/6842 - 280s

sci/ material
aug 69

388,714

On the Rust of Mild Steels and Copper Bearing Low
Alloy Steels, by H. Sugawara,
JAPANESE, per. Zairyo, Vol 17, 1968, pp 710-717.
BISI 8221

Sci/Mat
Aug 70

Effects of Material Defects on Fatigue Strength of
Cast Steel, by H. Nakazawa.
JAPANESE, per, Zairyo, Vol 18, No 191, 1968, pp 707-
713.
BISI 9270

Nov 71

S. Yamamoto

The Internal Creep Rupture Strength of Joints
in Steel Tubes Welded With Dissimilar Metals.
JAPANESE, per, Zairyo, Vol 19, No 198, 1970,
pp 196-202.
NTC 72-13665-13E

Nov 72

Phase Separation and Crystallization Process
in Glasses, by Y. Moriya.
JAPANESE, per, Zairyo, Vol 19, No 203, 1970,
pp 705-713.
NTC 71-14324-11B

Feb 72

Temperature Distribution in Laminar Flow
Through a Circular Tube, by K. Koyama.
JAPANESE, per, Zairyo, Vol 20, No 212,
1971, pp 650-654
NTC 72-60257-20M

July 72

Rayleigh's Problem of Non-Newtonian
Fluids, by Y. Tanaka.
JAPANESE, per, Zairyo, Vol 20, No 212,
1971, pp 655-658
NTC 72-60258-20D

July 72

T. Noguchi

On the Rupture Strength of Cast Iron Under Non-
Uniform Stress Distribution.
JAPANESE, per, Zairyo, Vol 20, No 214, 1971, pp 851-
857.
Order from BISI as BISI 9910
HNC 72-00717-11F

Nov 72

U.B/G 3060 CARBON MATERIALS. Suzuki, H.;
Kimura, S. Translated by R. A. Scott (Atomic Energy Research
Establishment, Harwell, Eng.), from Zairyo Kagaku 6: No. 1,
23-32 (1969). 2627p. 24Dep. NTIS (U. S. Sales Only).

26materials; translations 2711

28MN-25 29NP NSA

Study on Chinese Communist Capability for
Strategic Employment of Nuclear Missiles, by
Itatsue Soud, 9 pp.
JAPANESE, per, Zaisei Sanju Sha, 1966 [7]
pp. -12.
JPRS 41649

FE-Japan
Econ
Jul 67

332,331

ZASSO KENKYU
1966 NS P154-156

C-8221 <NIC>

ORDER FROM NTC

Chinese Communist Military Strength, 20 pp-
JAPANESE, per, Zenbo, No 10, 1 Oct 1965,
pp. 8-21.
JPRS 33762

FE-China
Pol
Jan 66

294,896

The Significance of Ideological-Theoretical
Struggles and the Responsibility of Zenshi,
by Satoshi Yonehara, 33 pp.
JAPANESE, per, Zenshi, No 251, Jun 1966,
pp. 18-31.
JPRS 36230

FE-Japan
Pol
Jul 66

304,958

Investigation of the Phenomenon of Flame
Propagation in a Combustible Dust Suspension
in the Air, by L. Mawara
JAPANESE, per, Zeszyty Naukowe Akad. Gór-
niczo-Hutn. w Krakowie, No 140, 1966.
MLL Ref: 8313.4 (5416)

Sci-Energy Conversion
Aug 69

362,138

Unc1 (SC-T-713026) INTRODUCTION TO PARTIAL
DIFFERENTIAL EQUATIONS OF MIXED TYPES. Lo-Keng,
Hua. Translated for Sandia Labs., Albuquerque, N. Mex.,
from Zhongguo Kexue Jishu Daxue Xuebao; 1: 1-27(1965).
35p.

mathematics; translations

ND-32 P RC

Unlimited

A New Presentation Form for Ship-Model Propul-
sion Data, and (a New) Method of Ship Model
Propulsion Testing, by Lui Shen.
JAPANESE, per, Zhongguo Zaochuan, No 1, 1966, p 1.
NLI 9022.065 (2391)

Sci-Tech Engr
Jul 68

361,648

People's Republic of China. National Standards
(CS 4910/502-65). 33 pp.
CILJ224, par, Zhonghua Renmin Gongheguo Guojia
Biaozhun, No 1, 1965, pp 1-29.
NIP/TID/IT-23-278-69

sci/propulsion and fuels
feb 70

40a,130

On the Performance Characteristics of a
Propeller in Non-Uniform Flow, by R.
Yamaguchi.

JAPANESE, per, Zosen Kyokai Ronbunshu,

No 117, 1965, pp 20-.

NLL Ref: 9022.0658 1966 (2265)

Sci-Mechanical, Industrial, Civil,
Marine Engineering

Aug 66

309,137

Dynamic Stability of Ships Equipped with
an Anti-Rolling Tank, by S. Ohsaka, M.
Takagi.
JAPANESE, per, Zosen Kyokai Ronbun Shu,
No. 117, 1965, pp 85ff.
BSRA-2267

331, 621

Sci
Jul 67

Effects of Bilge Keels on the Rolling of
Ships, by H. Kato.
JAPANESE, par, Zosen Kyokai Ronbun Shu,
No. 117, 1965, pp 93ff.
BERA-2259

Sci
Jul 67

331, 618

The Deformation of a Ship's Hull Under
Construction, by M. Oda, Y. Kashiwara.
JAPANESE, per, Kosen Kyokai Ronbun Shu,
No 117, 1965, pp 256 ff.
BSRA-2272

Sci
Jul 67

331, 624

The Determination of the Breadth of a Ship.
Using GM and the D/d Ratio, by T. Sawamura.
JAPANESE, per, Zosen Kyokai, Vol 113, 1965,
p 337.
NHL 9022.065 (2358)

Sci-Hoch Engr
Jul 68

161,647

The Deformation of Ship's Hull Under Construction
(5), by M. Oda and N. Kashiwara.

JAPANESE, per. Zosen Kyokai Ronbunshu, Vol 118,
1965, pp 358-
NII. 9022.065 (2375)

Sai-Mat
Nov 67

345,360

The Optimum Rudder Area in View of the
Manoeuvrability, by T. Muraishi
JAPANESE, per, Zosen Kyokai Ronbunshu, No 32,
1966, p 1
NLL Ref: 9022.065 (2596)

Sci-Mechanical
Aug 68

362,260

On the Dynamic Pressure Caused by Swishing Cargo
Oil on Relatively Long Tanks. Pt. 1. Experiments
Without Members Inhibiting Swishing. by K.
Mishimaki.
JAPANESE, per. Zasshi Ryokai Ronbunshu. Vol 119.
1966. p 81.
NII Ref: 9022.065 (2490)

Sol-Mech Engr
Aug 68

161,889

Experiments on the Transverse Strength of
a 96,500-Ton D.W. Tanker, by I. Takaki
JAPANESE, per, Zosen Kyokai ronbunshu, No 32,
1966, p 151
NLL Ref: 9022.065 (2613)

Sci-Mechanical
Aug 68

362,261

The Fore-and-Aft Vibration of Superstructures
Located Aft, by T. Hiromatari, K. Matsuoto.
JAPANESE, par. Zosen Kyokai Ronbunshu, Vol 119,
1966, p 157.
NII, Ref: 9022.065 (2494)

Sci.-Tech Ingr
Aug 68

361,886

Experiments on the Strength of a Cargo Liner
in Service, by H. Nagasawa,
JAPANESE, per, Zosen Kyokai Ronbunshu, Vol 119,
1966, pp 238-
NLL Ref: 9022.065 (2493)

Sci-Mechanical Engr.
Aug 68

362,178

Gravity Flow System for an Oil Tanker, by
M. Higuchi
JAPANESE, per, Zosen Kyokai Ronbunshu, Vol 119,
1966, p 258-
NII Ref: 9022.065 (2492)

Sci-Mechanical Engr.
Aug 68

362,177

A Model Test Method for Launching, by E. Kajita.
JAPANESE, par. Zosen Kyokai Ronbunshu, Vol 119,
1966, p 272.
NIL Ref: 9022.065 (2473)

Sci-Mech Engr
Aug 68

361,887

Application of One-Side Automatic Welding to
Shipbuilding, by T. Abe.
JAPANESE, per, Zasshi Kyokai Ronbunshu, Vol 119.
1966, p 289.
NII Ref: 9022.065 (2483)

Sci-Mech Ingr
Aug 68

361,885

The Deformation of Ship's Hull Under Construction.
by H. Oda.
JAPANESE, per. Zosen Kyokai Ronbunshu, Vol 119,
1966, p 297.
NII Ref: 9022.065 (2496)

Sci-Mech Engr
Aug 68

361,891

Influence of Designed Waterline and Frame-line
Forms on Wave-Making Characteristics of Ships,
by T. Inui.

JAPANESE, per, Zosen Ryokai Ronbunshu, Vol 120,
1966, p 10.

HLA Ref: 9022.065 (2644)

Sci-Mech
Aug 68

363,587

Loss of Propulsion Power Caused by Hauling with
Particular Reference to Automatic Steering, by
K. Nomoto & T. Motayama.

JAPANESE, per, Zosen kyokai ronbunshu, Vol 120,
1966, p 71.

NII. Ref: 9022.065 (2610)

Sci/Mech, Indus, Civ & Mar Engr

Feb 68

349,613

Effectiveness of Crack Arresters, by H. Kihara.
JAPANESE, per, Zosen Kyokai Ronbunshu, No 122,
1967, p 191.
NLL Ref: 9022.065 (trans 3025)

Sci/Misc
Dec 69

393,867

On the Motion of Cargo Oil in Long Tanks, by
Y. Akita.
JAPANESE, per, Zosen Kyokai Ronbunshu, No 123,
1968, p 130.
NLL Ref: 9022.065 (trans 3017)

Sci/Misc
Dec 69

398,305

A Computer Application to Principal Dimension
Study of Ships, by T. Kuniyasu.
JAPANESE, per, Zosen Kyokai Ronbunshu, Vol 123,
1968, pp 336-340.
NLL Ref:9022.065 (3048)

Sci-Mech
Feb 670

401,546

On the Design of Fibreglass-Reinforced Plastic
Ship-Hull Structures. (1st Report), by M. Takahama
and I. Kikawa,
JAPANESE, par. Zosen Kyokai Ronbunshu, Vol 123,,
June 1968,
NIIJ Ref: 9022.065 (3078)

Sci/Mech Engr
Apr 70

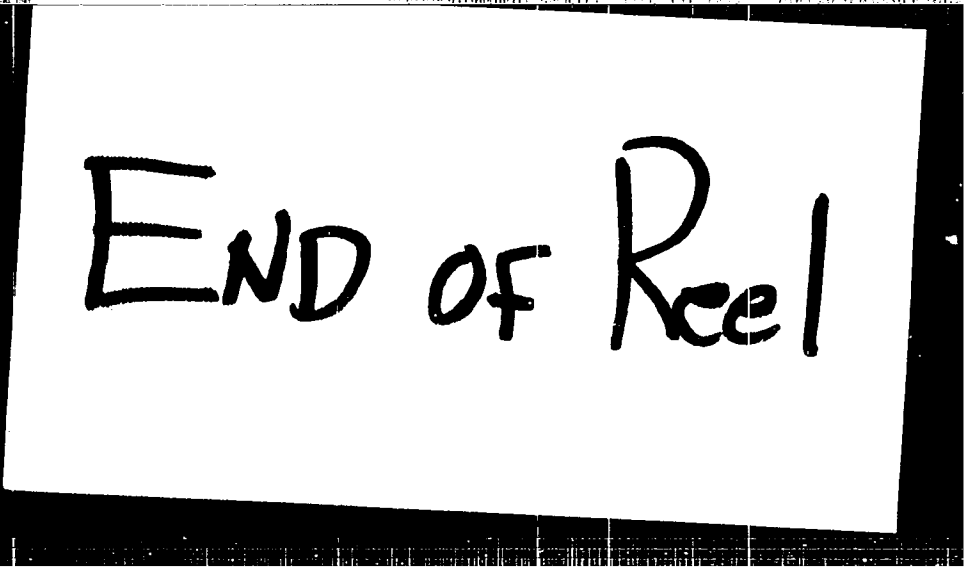
405,774

The Virtual Moment of Inertia of Marine Propellers, by F. Takaiwa, T. Yano.
JAPANESE, per. Zensho Kurokishi, Vol 119, 1966,
p 10.
NLL Ref: 9022.065 (2564a)

Sci-Mech Engr
Aug 68

353,674

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642-543

Job
642-543